

NOVAK, J., inz.

Experiences in the mass construction of ceramic parts in the East Bohemia region. Stavivo 42 no.12:450-451 D '64.

1. Vychodoceske pozemni stavby National Enterprise, Hradec Kralove, Development Worksite Pardubice.

L 3111-66 EWP(t)/ENP(b) JD

ACCESSION NR: AP5026888

CZ/0034/65/000/006/0450/0450

AUTHOR: Alexander, P. (Engineer); Novak, J. (Engineer)

TITLE: A method for removing As and Sb from ores and concentrates

SOURCE: Hutnicke listy, no. 6, 1965, 450

TOPIC TAGS: metal purification, metal heat treatment, arsenic, antimony

ABSTRACT: The article is an abstract of Czechoslovak Patent Application Class 18a 1/00, PV 3447-64, dated 16 June 64. The method is used in connection with roasting of pellets on a moving belt. The roasting is done by burners using gaseous fuels, and located above the belt. The temperature is maintained at 800 to 1050°C, and the partial pressure of oxygen in the combustion gases is maintained at 0.5 to 1 . 10⁻⁸ kg/cm sq.

ASSOCIATION: none

SUBMITTED: 16Jun64

ENCL: 00

SUB CODE: MM

NR REF SOV: 000

OTHER: 000

JPRS

Card 1/1 PC

L 46905-66

ACC NR: AF6034291

SOURCE CODE: CZ/0034/66/000/005/0372/0372

AUTHOR: Novak, J. (Engineer); Chvatik, J. (Engineer)

//

ORG: none

B

TITLE: Rotary pipe furnace with a pole pyrometer

SOURCE: Hutnicke listy, v. 21, no. 5, 1966, 372

TOPIC TAGS: metallurgic furnace, pyrometer

ABSTRACT: The article is an abstract of Czechoslovak Patent Application No: Class 18a, 1/02, 421, 8/90, PV 6271 - 64, dated 12 Nov 64. The pole pyrometer forms a part of the indicating or regulating arrangement of the furnace, and serves to indicate the temperature of the roasted charge. The pole pyrometer is inserted in the charge at the entrance end of the furnace and controls a dam at the discharge end of the furnace, thereby maintaining a required amount of charge inside. Orig. art. has: 1 figure. [JPRS: 36,867]

SUB CODE: 13 / SUBM DATE: none

fv

Hematology

CZECHOSLOVAKIA

UDC 615.38-06

NOVAK, J.; DOBRY, E.; Institute of Hematology and of Blood Transfusions (Ustav Hematologie a Krevni Transfuzie), Prague, Director (Reditel) Prof Dr J. HOREJSI

"The Incidence of Posttransfusion Reactions."

Prague, Casopis Lekaru Ceskych, Vol 106, No 7, 17 Feb 67, pp 194 - 196

Abstract [Authors' English summary modified]: Analysis of serious posttransfusion reactions showed that the most frequent cause of these reactions was a mix-up in the blood group. The second important aspect to be considered is the hazard of transmission of serum hepatitis; this can be prevented by introducing the transaminase screening test in blood donors. No references. Manuscript received Apr 66.

NOVAK, J.

Therapy of interdigital mycoses with undecylenic acid solutions.
Prakt. lek., Praha 32 no. 16:371 20 Aug 1952. (CML 23:5)

EXCERPTA MEDICA Sec 6 Vol 13/3 Internal Med. Mar 59

1656. PULMONARY EMPHYSEMA AND CHRONIC BRONCHITIS IN FARMERS -
Rezedma plíc a chronický zánět průdušek u zemědělců - Novak J.J.

Vnitřní klin. MU, Brno - VNITŘ. LÉK. 1958, 4 1 (17-25) Tables 8

687 persons from 6 various rural districts were examined, of whom 39% were males; 76% were farmers; the average age was 39 yr. Patients suffering from arteriosclerotic heart disease, valvular defects, hypertension and active pulmonary tb were excluded. Among the subjects examined 7% showed clinical and roentgenological signs of emphysema, 4% were found to suffer from bronchitis and 10% manifested these two conditions together. As a result of the clinical, X-ray and

1456

spirometric examinations it could not be proved that emphysema and chronic bronchitis should be considered an occupational disease in farmers, as no significant difference was ascertained in the incidence of these two diseases between farmers and other rural inhabitants or between males and females. Climate, geographical situation, age, hygienic factors and particularly smoking habits seem to be responsible for the origin of upper respiratory tract diseases and emphysema.

Adler - Kfar Saba (XV, 6, 17)

NOVAK, J.; CERNY, V.

Effect of the impulse electromagnetic field on the human body.
Cas. lek. cesk. 102 no.18:496-497 3 My '63.

1. I.dermato-venerologicka klinika lekarske fakulty KU v
Praze, prednosta prof. dr. J. Konopik. Geofyzikalni ustav
CSAV v Praze, heliogeofyzikalni oddeleni, vedouci RNDr.
B. Bednarova.

(ELECTROPHYSIOLOGY)

NOVAK, J.; AREND, H.

Methods of analytic determination of the oxidation and reduction capacities of oxidic substances. Silikaty 9 no.1:59-72 '65.

1. Institute of Physics of the Czechoslovak Academy of Sciences, Prague. Submitted July 15, 1964.

NOVAK, J.P.

Calculating the heat of vaporization of hydrocarbons. Chem
zvesti 14 no.10:546-547 O '64.

1. Chair of Physical Chemistry, Higher School of Chemical
Technology, Prague.

BERNAT, I.; NOVAK, J.; ELEK, S.; DOZSAN, Gabriella

Anaemia after thermal injury. I. Iron metabolism. Acta med.
acad. sci. Hung. 21 no.1:121-131 '65.

1. Hungarian Army Medical Corps.

NOVAK, J., LEHMAN, I.

Analysis of 676 jaw injuries treated at the stomatological clinic of Hradec Kralove in 1956-1962. Cesk. stomat. 65 no.4: 288-298 J1 '65.

1. Stomatologicka klinika lebarske fakulty Karlovy University v Hradci Kralove (prednosta prof. dr. L. Sazama, CSc.).

KOSTOMLATSKA, M.; NOVAK, J.

Mutual influencing of cultures of pyogenic cocci. Cesk. dermat.
40 no.5:310-312 0 '65.

1. I. dermato-venerologicka klinika fakulty vseobecneho lekarstvi
Karlovy University v Praze (prednosta prof. dr. J. Konopik, DrSc.).

NEJEDLO, Verooslav; NOVAK, Jan; KORHON, Miloslav

Results of surgical therapy of laryngeal carcinoma and the influencing factors. Cesk. otolar. 7 no.6:368-376 Dec 58.

1. ORL klinika KU , Hradec Kralove, prednosta prof. MUDr. Jan Hybace.
Patologicko-anatomicky ustav KU, Hradec Kralove, prednosta prof. MUDr.
Antonin Fingerland. V.N., ORL klinika Ku, Hradec Kralove.
(LARYNX, neoplasms,

surg., postop. results & influencing factors (Cz))

HYBASEK, Jan; NOVAK, Jan

Carcinoma of larynx in patient with scleroma. Cesk. otolar. 8 no.3:
129-133 June 59.

1. Otolaryngologická klinika VIA JEvP Hradci Kralove, prednosta prof. MUDr.
Jan Hybasek.

(LARYNX, neoplasms
with rhinoscleroma, case report (Cz))
(RHINOSCLEROMA, case reports
with cancer of larynx (Cz))

KUPEC, Karel; NOVAK, Jan

Peptic ulcer of the greater curvature. Cesk. rentg. 13 no.2:108-110 Apr 59.

1. Mestsky ustav narodniho zdravi v Jihlave--mestska poliklinika, rentgenologicke oddeleni, prednosta MUDr. Karel Kupec. Krajsky ustav narodniho zdravi v Jihlave--krajska nemocnice, chirurgicke oddeleni, prednosta prim. MUDr. Jan Vojta.

(PEPTIC ULCER, case reports,
of greater curvature, x-ray (Cz))

HYBASEK, I.; NOVAK, Jan

Our experiences with destructive labyrinthotomy in Meniere's disease. Cesk. otolaryng. 12 no.4:214-218 Ag '63.

1. Klinika nemoci usnich, nosnich a krcnich lekarske fakulty KU
v Hradci Kralove, prednosta doc. dr. L. Faltynek, CS:.

(MENIERE'S DISEASE) (LABYRINTH)

(SURGERY, OPERATIVE)

NOVAK, J. J.

[illegible]

v Hradci Králové (vedoucí prof. dr. J. Poláček, Tř. 10.)

NOVAK, J.

Indication of poliovirus in eastern Europe. Czech. J. Microbiol. 11
no.1:5-6 Feb5.

1. Klinika nemocí ušních, nosních a krčních lékařské fakulty
Karlovy University v Brně (Karlovo) (prezentat: doc. dr.
L. Faltýnek, CSc.).

NOVAK, J.; SEJKOROVA, J.

Glucocorticoid changes in the hemogram after blood letting in different groups of donors. Cas. lek. cesk. 104 no.4:99-102
29 Ja '65

1. Ustav hematologie a krevni transfuze v Praze (reditel: prof.
dr. J. Horejsi, DrSc).

KEMENDI, I.; NYVAK, J.

On ECG-changes following burn injuries of the left side of the thorax. Acta chir. acad. sci. Hung. 61:429-433 '65.

1. Sanitardienst der Ungarischen Volksarmee, Budapest.
Submitted March 1, 1965.

NOLAK, J.; BERGAT, I.; DOZSAN, G.; SANKO, E.

The disorder in iron metabolism developing in turns disease.
Acta chir. plast. (Praha) 7 no.4:310-316 '65.

1. Medical Service of the Hungarian People's Army, Budapest,
Hungary.

NOVAK, J., MUDr.; BLAŽEK, K., MUDr.; SEJKOROVÁ, J.

Early changes in the blood serum, hemogram and blood glucose level in donors after donation with special reference to general adaptation syndrome. Vnitřní lek. 11 no.8:790-796 Aug 1965.

1. Ústav hematologie a krevní transfuze v Praze (veditel prof. MUDr. J. Horejší, Dr.Sc., člen korespondent Československé akademie věd).

BRODSKY, Artur, inz.; ZDENEK, Vladislav, inz.; NOVAK, Jan, inz.

First operational experience with the CHII water clarifier
in our plants. Energetika Cz 11 no.7:335-338 JI '61.

RANNY, Mojmir, inz., C.Sc.; PRACHAR, Josef; NOVAK, Jan, inz.

Alkylol amides of fatty acids. Prum potravin 14 no.2:94-96
F '63.

1. Vyzkumny ustav tukoveho prumyslu, Rakovník.

RANNY, Mojmír, inz., C.Sc.; NOVAK, Jan, inz.; PRACHAR, Josef

Alkylolamides of fat acids. Prun potravín 14 no.4:211-212 Ap '63.

1. Vyzkumny ustav tukoveho prumyslu, Rakovník.

KENEDI, Istvan, dr., az orvostudományok kandidátusa; NOVAK, János, dr.

Diagnostic problems in penetrating gunshot wounds in the cardiac area. *Magy.sebeszet* 13 no.6:368-375 D '60.

1. A Magyar Héphadsereg Egészségügyi Szolgálatának közleménye.
(HEART wds & inj)
(WOUNDS GUNSHOT)

NOVAK, Janos

HUNGARY

MD

Health Service of the Hungarian People's Army
(Magyar Nephadsereg Egeszsegugyi Szolgalata)

Budapest, Magyar Traumatologia, Orthopaedia, es
Helyreallito Sebesszet, No 3, Aug 62, pp 210-218.

"Fractures and Dislocations of the Head of the
Fibula."

NOVAK, J.; SEMERAK, A.; BRZEK, V1.

Mechanical wounds of the esophagus. Cesk. otolaryng. 11 no.6:355-358
D '62.

(ESOPHAGEAL PERFORATION)

(ESOPHAGOSCOPY)

NOVAK, Janos, dr.

On some diagnostic and therapeutic problems in simple blunt thoracic injuries. Orv. hetil. 103 no.2:59-67 Ja '62.

1. Magyar Nephadsereg Egeszsegugyi Szolgalata.

(THORAX wounds & injuries)

NOVAK, Janos, dr.; FORRAI, Jeno, dr.

On the "vacuum phenomenon" according to observations on 20 cases. Orv.
hetil. 103 no.23:1066-1068 10 Je '62.

1. Magyar Nephadsereg, Egeszsegugyi Szolgalat.

(JOINTS radiog) (BONE AND BONES radiog)

NOVAK, Janos, dr.; ZOLTAN, Zaborszky, dr.

Experience with the treatment of 730 cases of distortions and
contusions of the knee joint without injury of the ligament.
Orv. hetil. 103 no.36:1702-1704 9 S '62.

1. Magyar Nephadsereg Egesszegugyi Szolgalt.
(KNEE wds & inj)

HUNGARY

HORVATH, Tibor, Dr, director of the National Ambulance Service (CMSZ-Orszagos Mento Szolgalat), NOVAK, Janos, Dr, physician-major, TERI, Gyula, Dr, physician-colonel; [affiliations not given].

"The Organization of Health Care in Mass Meetings and Sporting Events."

Budapest, Honvedorvos, Vol XV, No 3, July-Sept 1963, pages 180-189.

Abstract: The organization of health care during events where a great number of people are present is described. Types of field stations, their location, telephone communications and the necessary equipment, medications and instruments are described in detail. No references.

1/1

HOVAK, Janos, dr.

Posttraumatic atelectasis. Magy. sebesz. 16 no.1:27-33 Mr '63.

1. A Magyar Nephadsereg Egeszsegugyi Szolgalatanak kozlemenye.
(ATELECTASIS) (THORACIC INJURIES) (WOUNDS, GUNSHOT)
(HEMOTHORAX)

NOVAK, J.

Trials on desensitization in allergic dermatosis with a modified
electrostatic, electromagnetic and geomagnetic field, Cesk. dermat.
38 no.1:47-56 F '63.

1. I. dermatovenerologicka klinika fakulty vseobecneho lekarstvi
KU v Praze, prednosta prof. dr. J. Konopik, DrSc.
(DERMATOLOGY (Eczema) (URTICARIA) (PRURIGO)
(NEURODERMATITIS) (ALLERGY) (ELECTROTHERAPY)

HUNGARY

NOVAK, János, Dr; Health Service of the Hungarian People's Army (A Magyar Nemhadsereg Egészségtudományi Szolgálat).
7

"Rib Dislocation."

Budapest, Orvosi Hetilap, Vol 100, No 17, 18 Apr 69, pages 802-803.

Abstract: [Author's Hungarian Summary]. The author reports on three rare cases of injury to the rib joints. 13 Western references.

1/1
J

NOVAK, J.

Data on the prognosis of thoracic injuries. Acta chir. orthop.
traum. cech. 31 no.2:154-159 Ap '64.

1. Zdravotnicka sluzba Madarskej ludovej armady.

NOVAK, Janos, dr.; BRANDSTEIN, Laszlo, dr.; FABER, Viktor, dr.

Recent methods for the treatment of burns. (Preliminary report).
Orv. hetil. 105 no.34:1602 23 Ag '64.

1. Magyar Nephadsereg, Egsegsegugyi Szolgalat es Orvostovabbkepzo
Intezet, Sebeszeti Tanszek.

COGN STUDIES

HUNGARY

BREJTMAN, R., S.,*, FENYVESI, Agnes, Dr, NOVAK, Janos, Dr, physician-major;
*Tsernovol No 3 Hospital, USSR, and [affiliations not given].

"The Use of PVC Sheets to Cover Burns."

Budapest, Honvedorvos, Vol XVIII, No 1, Jan-Mar 66, pages 17-18.

Abstract: [Authors' Hungarian summary] The favorable experiences with the use of PVC sheets as bandage materials in almost 200 cases of burns are reported. 9 Eastern European, 3 Western references.

1/1

- 7 -

HUNGARY

NOVAK, Janos, BARDOS, Edit; Hungarian People's Army, Health Service (Magyar Nephadsereg Egsegsegugyi Szolgalata).

"Data From Animal Experiments Concerning the Prednisolone Therapy of Shock Following Thermal Trauma."

Budapest, Kiserletes Orvostudomany, Vol XVIII, No 4, Aug 66, pages 403-406.

Abstract: [Authors' Hungarian summary] The therapeutic effect of prednisolone was studied on rats in shock produced by scalding. In case of trauma involving 20 per cent of the body surface, the effect was identical with that of fluid replacement. After more severe scalding, glucocorticoid therapy was not as effective as was fluid replacement although it decreased the mortality considerably. A combination of the two procedures proved to be the most effective mode of treatment. 2 Hungarian, 6 Western references. [Manuscript received 11 Aug 65.]

1/1

NOVAK, Jaromir, inz.; JAROS, Alois; ULRYCH, Jiri, inz.; VYSIN, Vaclav

New types of hammer drills, their operational characteristics,
their design and performance. Rudy 10 no.1:4-9 Ja '62.

1. Ustav pro dulni mechanizaci, Praha.

NOVAK, Jaromir, inz; JAROS, Alois; ULRICH, Jiri, inz; VYSIN, Vaclav

Effect of operational conditions on formation of fine dust in
percussion boring. Rudy 10 no.1:23-26 Ja '62.

1. Ustav pro dulni mechanizaci, Praha.

NOGA, Jan, inz.; NOVAK, Jaromir, inz.

Boring and blasting operation in the limestone quarry Kotouc
near Stramberk. Rudy 10 no.3:78-82 Mr '62.

1. Vitkovické železářny Klementa Gottwalda, Kotouc - Stramberk.

NOVAK, Jaromir, inz.

The outlook for the quarry Kotouc near Stramberk. Rudy
10 no.3:87-89 Mr '62.

1. Vitkovicke zelezarny Klementa Gottwalds, n.p., Kotouc ..
Stramberk.

NOVAK, Jaromir, inz.

Reducing dust concentration during drilling operations. Rudy 11 no.2:
51-53 F '63.

1. Ustav pro vyzkum rud, Praha.

NOVAK, Jaromir, inz.

Effect of shocks caused by large-scale blasting operations. Rudy
ll no.7:228-231 J1 '63.

1. Vitkovicke zelezarny Klementa Gottwalda, n.p., Stramberk.

NOVAK, Jaromir, inz.; VYSIN, Vaclav; JAROS, Alois; LEJHANEK Josef.

Improvement of the quality of cemented carbides used in percussion drilling. Růdy 12 no.2:54-59 F'64

1. Ústav pro výzkum rud, Praha, vedoucí koordinací pracovníků pro vrtací a trnací techniku.

NOVAK. Jaromir

Induction heating of bearings. Elektrotechnik 19 no.9:271
S '64.

1. Transport Enterprise of the City of Pardubice.

NOVAK J. Klinika Prof. Dr. Stajfy, Brno. Tuberkulinové testy, Tuberculin tests, Lékařské listy, Brno 1949, 4/17-18 (413-421) Graphs 1

A comparative study of the reliability of various tuberculin tests on 300 soldiers aged 22. The Pirquet test proved to be little sensitive, patch tests are frequently non-specific. The ECG test is the most objective, but exceptionally it is negative in adults, despite the positive tuberculin tests. This discrepancy shows that tuberculin allergy need not be identical with immunity. In adults the ECG test and the ascending tuberculin test of Mantoux (1,10,100 TU) are the most reliable.

Graubner - Plzen (XV, 4, 7)

So: Medical Microbiology and Hygiene, Section IV, Vol 3, No 1-6

NOVAK, J.

NOVAK, J.

ECG diagnostic test. Lek. listy 5:15-16, 1 Aug. 50. p. 444-3

1. Of the First Internal Clinic, Masaryk University in Brno (Head--
Prof. M. Stejfa, M. D.),

CMIL 19, 5, Nov., 1950

NOVAK, Jaromir, As. MUDr

Technic of angiocardiology. Lek. listy, Brno 9 no.12:278-279
15 June 54.

1. Z I. vnitřní kliniky lékařské fakulty Masarykovy university
v Brně. Přednosta prof. Dr Milos Stejfa.

(ANGIOGRAPHY,

angiocardiology, technic)

(CARDIOVASCULAR SYSTEM, radiography,

angiocardiology, technic)

NOVAK, Jaromir, As. MUDr (Brno, Tabor 42 d.)

Bronchography in bronchiectasis. Lek. listy 9 no.14:319-321
Jl '54.

1. Z I. vnitřní kliniky M.U. v Brně. Prednosta prof. MUDr M.Stejfa.
(BRONCHIECTASIS, manifestations,
*x-rays)

NOVAK, Jaromir., MUDr.

Clinical diagnosis of carcinoma of the lung.
Vnitr. lek., Brno 1 no.4:262-264 Apr 55.

1. Ž I. vnitřní kliniky MU v Brně, přednásta prof. Dr. Milos Stejfa
(LUNGS, neoplasms
diag.)

EXCERPTA MEDICA Sec 15 Vol 9/6 Chest Dis. June 56

1233. NOVÁK J. Intern. Klin. M. U., Brno. *Anatomic segmentální větví plicnice. The anatomy of segmental branches of the pulmonary artery. SCR. MED. (Brno) 1955, 28/2-3 (87-97) Tables 1 Illus. 2

The results of the present paper are based on the examination of 3 corrosion preparations and on dissection of 36 lungs in which the pulmonary artery has been previously injected with methylmetacrylate. The artery subdivides within the lungs in the same manner as the intrapulmonary bronchi and 10 segmental branches may be recognized. On the right side the pulmonary artery gives off first of all the truncus superior for the superior lobe, subdividing into 3 segmental branches (A_1 = arteria apicalis, A_2 = a. dorsalis, A_3 = a. ventralis). The rest of the artery, truncus intermedius, bifurcates into truncus medius for the middle lobe, and truncus inferior for the inferior lobe. The first subdivides into 2 segmental branches (A_4 = a. lateralis, A_5 = a. medialis), the latter into 5 branches (A_6 = a. apicalis caudalis, A_7 = a. mediobasalis, A_8 = a. ventrobasalis, A_9 = a. laterobasalis, A_{10} = a. dorsobasalis). The ramification of the left branch of the pulmonary artery is essentially the same as that of the right one. The sole difference consists in the truncus intermedius being replaced by a lingular artery that passes to the pulmonary lingua and subdivides into 2 segmental branches (A_4 = a. cranialis, A_5 = a. caudalis). The variations of the segmental branches, for the detailed description of which the reader must be referred to the original article, are very frequent. They may involve either the sites of origin of the segmental branches, or their number, or their dimensions. Zlábek - Brno (I, 15)

EXCERPTA MEDICA Sec 15 Vol 9/9 Chest Dis. Sept 56

2004 STELMA M. and NOVAK J. Vystupokliničnosti pri...
 genitálna infekcia...
 VNTR LELK 1966 2 2 (172-176)

The authors tried to differentiate between simple senile emphysema caused by atrophic changes of the alveolar wall and idiopathic emphysema as a consequence of obstruction of the smaller airways as in chronic bronchitis and chronic asthma. Pulmonary function tests were made on one hundred and twenty-three patients aged over 60 yr. The authors used the method of registered vital capacity expirium according to Kadlec and Vyskočil and the values of vital capacity in one and three seconds (expressed in percentage of the total vital capacity). The method of registered vital capacity expirium succeeded in establishing the presence of emphysema in both groups but failed to differentiate significantly between senile and obstructive emphysema. By evaluating their results the authors conclude that in patients over 60 yr. of age the ventilatory disturbances are mainly caused by the old age and less by additional pulmonary diseases. Adler - Raanana (NV, 6*)

NOVAK, J.

EXCERPTA MEDICA Sec.16 Vol.4/8 Cancer Aug 56

3009. NOVAK J. I. intern. Klin. MU. Brno. Plicni angiografie u rakoviny plic
Pneumo-angiography in carcinoma of the lung Rozhl. Tuberk. 1956, 16 1-10 44 Tables 1
Illus. 4

Angiograms of 21 cases of far advanced carcinoma are compared with those of 46
nonmalignant lung diseases. Typical abnormalities are: dislocation and reduction in
number of vessels, changes of their outline, calibre and termination. Changes occur
also at some distance from the growth. The angiographic picture in chronic pneu-
monia, th, lung abscess and emphysema is different, only pulmonary sclerosis can,
on occasion, imitate cancer. Bibliography. Blumberg - Jevicku

EXCERPTA MEDICA Sec 17 Vol 5/1 Public Health Jan 59

180. PULMONARY EMPHYSEMA AND CHRONIC BRONCHITIS IN FARMERS -
Rozedma plic a chronický zánět průdušek u zemědělců - Novák J. I.
Vnitřní Klin. MU, Brno - VNITR. LÉK. 1958, 4/1 (17-25) Tables 8
687 persons from 6 various rural districts were examined, of which 39% were

180

males and 61% females, 76% farmers and 24% belonging to other professions, the average age being 39 yr. Patients suffering from arteriosclerotic heart disease, valvular defects, hypertension and active pulmonary tb were excluded. Among the persons examined 7% showed clinical and roentgenological signs of emphysema, 4% were found to suffer from bronchitis and 10% manifested these 2 conditions together. As a result of the clinical, X-ray and spirometric examinations it could not be proved that emphysema and chronic bronchitis should be considered an occupational disease in farmers, as no significant difference was ascertained in the incidence of these 2 diseases between farmers and other rural inhabitants or between males and females. Climate, geographical situation, age, hygienic factors and particularly smoking habits seem to be responsible for the origin of upper respiratory tract diseases and emphysema.

Adler - Kfar Saba (XV,6,17)

ORHA, Zdenek, inz. NOVAK, Jaromir, inz.

New results of the research on sintered carbides for wire tools. Hut. listy 19 no.1:34-37 Jan'64.

1. Vyzkumny ustav pro prazkovou metalurgii, Jarmerska 15 v Praha.
2. Ustav pro vyzkum rud, Praha, (for NOVAK).

NOVAK, J.

Use of animal charcoal in the determination of prothrombin level.
Cas.lek.cesk. 90 no.4:121-122 26 Jan 51. (CIAML 20:6)

1. Of the Central Hematological Laboratory (Head--Prof.Vratislav
Jonas,M.D.) of the Internal Department of the State District Hos-
pital in Prague-Motole.

NOVAK, Jaroslav

Daily variations of blood picture in normal nutrition and determination of time for blood taking. Cas.lek.cesk. 91 no.50:1506-1511 12 Dec 52.

1. Centralni haematologicke laboratore interniho oddeleni statni oblastni nemocnice v Praze-Motole. Prednosta: prof. MUDr Vratislav Jonas.

(BLOOD BANKS,

determ. of blood-taking time according to daily variations of blood picture)

(BLOOD,

picture, daily variations, determ. of favorable time for blood taking)

(PERIODICITY,

daily blood picture variations, determ. of favorable time for blood taking)

NOVAK, J.

Antibodies level in fetal erythroblastosis and in threatened abortion.
Cas. lek. cesk. 92 no.19:519-523 8 May 1953. (CLML 24:5)

1. Of the Institute of Anthropology (Head--Prof. V. Fetter, M.D.) of Charles University, Prague, and of the Laboratory of Blood Properties of the Internal Department (Head--Prof. V. Jonas, M.D.) of Prague-Motole State Regional Hospital.

NOVAK, Jaroslav, Dr.

Fixation of anti-Rh agglutinin and conglutinin to the organs and its influence on the course of fetal erythroblastosis. Cas. lek. cesk. 93 no.46:1277-1280 12 Nov 54.

1. Anthropologický ústav K.U. Praha, Přednosta: Dr. V. Fetter
(ERYTHROBLASTOSIS, FETAL, etiology and pathogenesis
anti-Rh agglutinin & conglutinin fixation to fetal
organs)

NOVAK, Jaroslav, Dr.

Neutralizing effect of the placenta on the passage of antibodies.
Cas. lek. cesk. 94 no.4:89-93 21 Jan 55.

1. Antropologicky ustav Karlovy university v Praze - prednosta
doc. dr. V.Fetter

(PLACENTA, physiology

permeability to antibodies)

(ANTIGENS AND ANTIBODIES

antibodies permeability of placenta)

NOVAK, Jaroslav, Dr.

Hemagglutination of erythrocytes modified with tannin. Cas.
lek. cesk. 95 no.28-29:791-792 13 July 56.

1. Ustav Hygieny prace a chorob z povolani.
(HEMAGGLUTINATION, effect of drugs on,
tannin (Cz))
(TANNIN, effects,
on hemagglut. (Cz))

EXCERPTA MEDICA Sec.4 Vol.11/1 Med.Microbio.etc. Jan 58

186. NOVAK J. Úst. Hyg. Práce a Chorob. Povolání, Praha. Urcení fagocytosy v periferní krvi *The determination of phagocytosis in the peripheral blood* Cas. Lék. ces. 1956, 95/40 (1101-1106) Graphs 1 Tables 14

In contradistinction to hitherto used examination methods in immunology, i.e., of observing the effect of serum on leucocytes by the use of opsonin and thrombin indexes, a method has been elaborated of ascertaining a picture of the defensive properties of blood from a complete sample without the isolation of individual cells from their environment. When using this method it is possible to ascertain not only changes in the effect of sera in leucocytes but also, if present, changes in the properties of leucocytes from the point of view of phagocytosis. The method can replace the use of complicated tissue cultures in those cases where the ascertaining of varying influences on the phagocytosis of leucocytes is concerned. It is easily carried out and can be used in all laboratories with normal equipment.

NOVAK, J.
GUTTFREUNDOVA, E.; NOVAK, J.

Utilization of plasma-substitutes in various parts of Czechoslovakia
in 1954-56. Cesk. zdravot. 5 no.12:710-715 Dec 57.

1. Organizačne metodické oddelení Ústavu hematologie a krevní transfuze.
(PLASMA SUBSTITUTES,
use in Czech., statist. (Cz))

NOVAK, Jaroslav, Dr.

~~Organic antibodies in silicosis.~~ Pracovní lek. 9 no.5:383-385 Nov 57.

1. Ústav hygieny práce a chorob z povolání v Praze, ředitel prof.
MUDr. Jaroslav Teisinger.

(SILICOSIS, imminol.

organic antibodies (Cz))

(ANTIBODIES, in var. dis.

organic in silicosis (Cz))

NOVAK, Jaroslav

Pulmonary immunotoxicity. I. Determination of antibodies by direct hemagglutination of tannin treated erythrocytes. Cas. lek. cesk. 96 no.22:683-686 31 May 57.

1. Ustav hygieny prace a chorob z povolani, prednosta prof.
MUDr. Jaroslav Teisinger. J.N., Praha 2, Karlovo nam. 33.

(LUNG DISEASES, exper.

immun. by direct hemagglutination of tannin treated
erythrocytes in rabbits (Cz))

NOVAK, Jaroslav. (Praha 2, Karlovo nam. 33)

Defense reactions in lung tissues during the first 40 days of
SiO₂ dusting. Cas. lek. cesk. 96 no.32:1016-1021 2 Aug 57.

1. Ustav hygieny prace a chorob z povolani, reditel prof. MUDr.
Jar. Teisinger.

(SILICA, inj. eff.

defense reactions in lung tissue in exper. dusting
with silica of white mice (Cz))

(LUNGS, pathol.
same)

CZECHOSLOVAKIA/General Problems of Pathology - Immunity.

U.

Abstr Jour : Rev. Tur - Biol., No 21, 1950, 93094

Author : Novak, Jaroslav

Inst

Title : Antigenic Properties of Pulmonary Tissue. II. Heteroagglutinins.

Orig. Pub : Ces. p. lekaru ceskych, 1957, 55, No 49, 1517-1541

Abstract : 3 rabbits were immunized in the course of 3 months by the way of intramuscular injections, once weekly, with 0.5 ml of a lyophilized homogenate of rat's lung. For the reaction of direct agglutination (DA) erythrocytes (E) of rats were taken. For indirect agglutination (IA), E, after washing, were sensitized by anti-rat serum and lyophilized. Natural heteroagglutinins (H) of guinea pig's E were investigated by reaction of DA; before immunization, the H in 2 rabbits had a titer of 1:32, by 3rd - 1:16, with progress of immunization, the titer rose to 1:128 - 1:512. See ref.

Card 1/2

- 10 -

CZECHOSLOVAKIA/General Problems of Pathology - Immunity.

U.

Abs Jour : Ref Jour - Biol., No 21, 1953, 98094

data of L₁, H appeared only after immunization. The titer did not exceed 1:32 - 1:64. -- V.V. Yezvin

Card 2/2

NOVAK
NOVAK, Jaroslav; MAJSKY, Alex.

Binding of lead on erythrocytes. I. Effect on group receptors in experiments in vitro. Cas. lek. cesk. 97 no.3:71-75 Jan 58.

1. Ustav hygieny prace a chorob z povolani, reditel prof. Dr Jaroslav Teisinger. Ustav hematologie a krevni transfuse, redital MUDr Josef Kidery. J. N. Praha 2, Karlovo nam. 33.

(LEAD, eff.

on antigenic activity, relation of lead-binding by erythrocytes to receptor activity (Cz))

(ANTIGENS

eff. of lead-binding by erythrocytes on antigenic activity & receptors (Cz))

NOVAK, J., MUDr.; DOBRY, Ed., MUDr., CSc.; NETOLICKOVA, Libuse

Consumption of blood and erythrocyte mass in 1961. Cesk. zdrav. 10
no.12:613-616 '62.

1. Ustav hematologie a krevni transfuze v Praze, reditel prof. dr.
J. Horejsi Ministerstvo zdravotnictvi, odbor LP 3, vedouci MUDr.
Rezkova-Mouralova.

(BLOOD TRANSFUSION)

NOVAK, J.

CZECHOSLOVAKIA

NOVAK, J., MD; SEJKOROVA, J.

Institute of Hematology and Blood Transfusion (Ustav
hematologie a krevni transfuze), Prague (for both)

Prague

Brno, Vnitřní lékařství, No 7, 1963, pp 664-671

"Blood Donation as Cause of Stress. I.. Glucocorticoidal
Changes of the Haemogram Following Blood Donation."

CZECHOSLOVAKIA

NOVAK, J., MD.

Institute of Hematology and Blood Transfusion (Ustav
hematologie a krevni transfuze), Prague

^{Prague}
~~Brno~~, Vnitřní lékařství, No 7, 1963, pp 692-700

"A Simplified and Faster Method for Estimation of
Sedimentation Rate and of Hematocrit."

CZECHOSLOVAKIA

NOVAK, J., MD; POBRY, E., MD., DSc.

Institute of Hematology and Blood Transfusion (Ustav
hematologie a krevni transfuze), Prague (for both)

Prague, Vnitřní lékařství, No 1, 1963, pp 117-119

"Post Transfusion Reaction in the Year 1961."

NOVAK, J., MUDr.; DOBRY, E., MUDr.; RUZICKOVA, V., CSc.

Activity of some regional transfusion services in 1963. Cesk.
zdrav. 12 no.10:556-564 N '64

1. Ustav hematologie a krevní transfuze v Praze, Ministerstvo
zdravotnictví, odbor LP 3.

COMMON ELEMENTS		COIN	
NATURAL MODES		METALLURGICAL LITERATURE CLASSIFICATION	
1st and 2nd Groups		PROCESSING AND PROPERTIES INDEX	
100 AND 8TH GROUPS			
The migration of sugar from the greens into the root during the drying of the harvested beets. J. Novak. Listy Cukrovar. 49, 725-6(1931).—In none of the expts. did there occur an increase in the sugar content of the beet root due to the migration of sugar from the greens to the root. Errors made by other authors are due to the relatively more rapid drying of beets with intact greens than beets with detached greens under identical conditions.		28	
FRANK MARSH			
SIGNATURE		SIGNATURE	
DATE		DATE	
PAGE NO.		PAGE NO.	

NOVAK, JAROSLAV

AGRICULTURE

Jak delame hospodarsko-technike upravy pozemku. Praha, Statni zemeledske nakl.,

1956. 27 p. (Zemedeiske aktuality, 20)

Monthly Index of East European Accessions (EEAI) LC, Vol. 8, No. 4, April 1959

ALVAK, J.

OF THE BUREAU OF THE ARMY, WASHINGTON, D.C.

1. The following information was obtained from a review of the

files of the Bureau of the Army, Washington, D.C.

2. The following information was obtained from a review of the

files of the Bureau of the Army, Washington, D.C.

3. The following information was obtained from a review of the

files of the Bureau of the Army, Washington, D.C.

4. The following information was obtained from a review of the

files of the Bureau of the Army, Washington, D.C.

5. The following information was obtained from a review of the

files of the Bureau of the Army, Washington, D.C.

6. The following information was obtained from a review of the

files of the Bureau of the Army, Washington, D.C.

Card 1

CZECHOSLOVAKIA / Plant Physiology. Growth and Development.

I-3

Abs Jour : Ref Zhur - Biol., No 17, 1958, No 77328

Author : Movak, Jaroslav

Inst : Not given

Title : Influence of Artificial Light on the Growth of Sprouts of Rye.

Orig Pub : Prace Brnonsko zeklad. CS.V, 1957, 29, No 4, 207-224.

Abstract : Sprouts of rye were raised under luminescent (day, white and rose), electrical and UV-illumination. The controls were darkness and daylight. The growth of plants was studied for 16 days from the moment of seeding. Increase of the intensity of the luminescent and electrical illumination leads to a strengthening of the growth and an increase of the accumulation of dry substances of the plants. Luminescent illumination, in comparison to incandescent lamp light, inhibited the growth of the stem,

Card 1/2

NOVAK, J. ; CALABEK, J. ; CHYTILOVA, V.

"Contributions to the study of the growth and motion of plants." p. 217.

PRACE. Ceskoslovenska akademie ved. Brnenska zakladna. Brno, Czechoslovakia, Vol. 31,
no. 4, 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 8, August, 1959.
Uncl.

NOVAK, J.; KVICALA, B.A.; BLATTNY, C.

A new method for use in plant virology. Folia microbiol 5 no.4:
272-275 '60. (EEAI 9:10)

1. Laboratory of the Film Study of Vital Processes, Czechoslovak
Academy of Sciences, Brno (for Novak). 2. Department of Plant
Quarantine and Protection, Central Agricultural Control and Testing
Institute, Brno (for Kvicala) 3. Dept. of Phytopathology, Institute
of Biology, Czechoslovak Academy of Sciences, Prague (for Blattny)
(VIRUSES)
(PLANTS)

NOVAK, Jaroslav, inz.

Determining the sulfates in water used for making concrete
according to the proposed standard. Vodni hosp 12 no.12;
486-437 D '62.

1. Technický a zkusební stavební ústav, Praha.

Z/030/61/000/005/002/002
A121/A125

AUTHOR: Novák, J.^{no 125}, Doctor of Natural Sciences

TITLE: Climatic tests with aircraft instruments

PERIODICAL: Jemná mechanika a optika, no. 5, 1961, 142 - 145

TEXT: In accordance with the Decree no. 77/59 of the Ministerstvo všeobecného strojírenství (Ministry of General Mechanical Engineering), published on September 7, 1959, all machines and instruments supplied to the tropics have to be tested for their suitability. In 1960, the Mikrotechna n.p. (Mikrotechna, People's Enterprise) introduced the adaptation of aircraft instruments and appliances to tropical conditions. The tests performed provided the examination of the finished instruments in two stages; during the first stage normal instruments produced in series were submitted to climatic influences; the test results were then used in the production of prototypes, which were submitted during the second test to artificial or natural tropical climate. The tests were performed in 56-day cycles by the VÚSE Institute, the temperature fluctuations amounted to 25°C - 45°C, the relative air humidity to 96 - 98% in accordance with the Directives of VÚSE T 512, and with the Standard ČSN 345681. The following instruments have been tested: ✓

Card 1/4

Climatic tests with aircraft instruments

Z/030/61/000/005/002/002
A121/A126

LUN 1101 speedometer, LUN 1121 altimeter, LUN 1211 turn indicator for gliders, LUN 1315 double-turn indicator, LUN 1272 directional gyro, LUN 1552 pressure indicator with potentiometer, LUN 1521 triple indicator for pressure and temperature, LUN 1356 resistance thermometer up to 300°C, LUN 1441 double pressure gauge, LUN 2471 electromagnetic valve, LUN 3156 limit switch. The deficiencies found after a 56-day cycle were extension of the bakelite casing and corrosion of steel screws, nuts and holders, whereas the brass-made parts showed verdigris formation; the radioactive luminescent substance no. 8, supplied by the Swiss Reller Enterprise turned brown and lost intensity. The functional tests, however, showed satisfactory results. The monoelement sheet-metal casings corroded, as well as all steel parts, springs and the upper aluminum covers. The Novodur parts bleached out and the eloxidized duralumin screws showed corrosion. The motor casings and the eloxidized aluminum frames showed corrosion, whereas parts consisting of CuNiFe alloy were covered with red-brown grains. The LUN 1272 directional gyro showed, besides material faults, a defect gyroscope. The LUN 1552 pressure indicator showed corrosion of the screws mounted to the connector, of the wire and of the terminals. Small faults only could be established at the LUN 1521 pressure and temperature indicator, in the course of the functional tests all three systems showed failures

Card 2/4

Climatic tests with aircraft instruments

Z/030/61/000/005/002/002
A121/A126

and the insulation resistance of each system was lower than 1 megohm. At least one resistor coil of each system was interrupted. The tests resulted in the conclusion that tropics-proof materials only can be used in the construction, and surface protection measures have to be regarded thoroughly. Anorganic plastics only are applicable, as for example Noval, and rubber should be replaced by silicon rubber. 60 - 80% tin and noncorrosive solder have to be used, the seams should be coated with epoxy lacquers. Practical tests have been performed in Canton (China), whereby the instruments have not been in operation. Real and correct results will be obtained after testing the aircraft in tropical zones only; the test conditions in artificial tropical medium according to VUSE T 512 and CSN 34581 are valid for resistance tests of electric equipment only and do not meet the requirements for tropics-proof instruments, as for example those concerning a satisfactory operation over a range of 145°C (between -60°C to +85°C). These requirements correspond with the experiences made by the pilots of the VZLU and the SPP Kunovice in the course of flights to the tropics. Relative proposals submitted by the VZLU have to be compared with foreign test conditions for aircraft instruments, as for example with the British D.T.D. 1085 B regulations, in order to prepare definite test regulations. There are 7 figures and 1 table.

Card 3/4

Climatic tests with aircraft instruments

Z/030/61/006/005/002'000
A121/A126

ASSOCIATION: Mikrotechna, n.p. Praha (Mikrotechna, People's Enterprise, Prague)

SUBMITTED: October 13, 1960

Card 4/4

NOVAK, Jaroslav, RNDr.

Position of the zero value on the dial, a basis for unification of aircraft board instruments. Jemna mech opt 8 no.4:106-108 Ap '63.

1. Mikrotechna, n.p., Praha-Modrany.

NOVAK, Jaroslav, RNDr.

Flight instruments for commercial aircraft. Letecký obzor 9
no.2:37-38 F '65.

NOVAK, Jaroslav, inz.; MIL, Frantisek

For better quality of insulation tubes for electrical engineering. Normalizace 12 no. 4:96-98 Ap '64.

1. Office of Standardization and Measurement, Prague (for Novak).
2. Kablo-Vrchlabi National Enterprise (for Mil).

Handwritten: M. A. Janovic
CZECHOSLOVAKIA/Chemical Technology, Chemical Products and
Their Application, Part 4. - Synthetic Polymers,
Plastics.

H-29

Abs Jour: Referat. Zhurnal Khimiya, No 10, 1958, 34366.

Author : F. Ludvik, J. Novak.

Inst : Not given

Title : Plastics and Standardization.

Orig Pub: Normalisace, 1957, 6, No 6, 136-137.

Abstract: 21 standards of mainly thermoreactive plastics deve-
loped in Czechoslovakia are presented.

Card : 1/1

NOVAK, Jaroslav, inz.; FAJGL, Josef

Regulation on designing products from plastics.
Normalizace 12 no. 4: 100 Ap '64.

1. Office of Standardization and Measurement, Prague
(for Novak).
2. Plastimat National Enterprise, Liberec (for Fajgl).

NOVAK, Jaroslav, inz.

Results of the meeting of experts on plastic materials of the member states of the Council for Mutual Economic Assistance. Normalizace 13 no.2:58-59 F '65.

1. Office of Standardization and Measurement, Prague.

NOVAK, Jaroslav, inz.

Importance of international standardization in the field of plastics.
Normalizace 12 no.9:251-255 S '64.

1. Office of Standardization and Measurement, Prague.

NOVAK, Jaroslav, inz.

Problems of the plastic and rubber terminology. Normalizace
11 no.4:110-112 Ap '63.

1. Urad pro normalizaci a mereni, Praha.